

I am new to Omas pens and have only recently been able to discover the beauty and writing of these pens. Last week I received two older Omas extra pens NOS, while flushing the pens today, one of the pens spat out a bit of ink from the piston knob end. So I decided to investigate and fix the filler. Here are the pictures:



The section can be unscrewed from the front. After removing the section, unscrew the piston knob all the way. The piston seal with the spindle will come out from the section end of the pen. The piston knob will come out from the back.

The Piston seal on the spindle, faceted barrel and the filler knob:



As you can see from the picture on the left and below, one side of the piston rod/shaft has a rectangular linear slot which mates with an anti rotation key. This key is permanently fixed on the inside of the barrel, a very simple design:



There was absolutely no lubricant on the piston seal and the spindle threads. There was some mineral oil like substance on the filler knob threads. I used pure silicone grease on the piston seal and the spindle to lubricate them.

Omas, I found, uses the vintage MB type "feeder case" arrangement to hold the nib and feeder together. The nib is very well made. Well shaped tip and tapered slit with proper slit gap, all this out of the box! No tuning was required.



Notice the 50's MB like slots on the feeder case in the picture below:



No tools were required to disassemble the pen. I used pure Silicone grease for lubing the piston seal and at the section-barrel threads. Ideally a section sealant should be used at the section threads.

The piston filler is simple and hence has its own shortcomings. There is no backlash in the filler mechanism so inadvertent movement of the filler knob has

the capability to eject ink.

In case the piston seal fails completely and no spares are available, I guess the pen can be used as an ED by sealing the piston filler knob to the barrel.

I hope this post is useful for folks who face a leaking/stiff piston.

Cheers!

Hari

Originally posted on FPN by Hari317 on 14th June, 2010 at the following link:

<http://www.fountainpennetwork.com/forum/topic/158157-servicing-the-filler-of-an-omas-extra-faceted/>